UNITED NATIONS

Framework Convention on Climate Change

Distr.
GENERAL

FCCC/SB/1999/1/Add.3
27 May 1999

ENGLISH ONLY

SUBSIDIARY BODY FOR SCIENTIFIC AND TECHNOLOGICAL ADVICE
Tenth session
Bonn, 31 May - 11 June 1999
Item 4 (a) of the provisional agenda

SUBSIDIARY BODY FOR IMPLEMENTATION
Tenth session
Bonn, 31 May - 11 June 1999
Item 3 of the provisional agenda

NATIONAL COMMUNICATIONS FROM PARTIES INCLUDED IN ANNEX I TO THE CONVENTION

Report on clarifications, additions and amendments to the revised guidelines for the preparation of national communications by Parties included in Annex I to the Convention (including part I of the reporting guidelines on inventories)

Note by the secretariat

Addendum

COMMON REPORTING FORMAT: ADDITIONAL TABLE

This addendum contains table 5D "Background data table on CO_2 emissions and removals from soil" as mentioned in document FCCC/SB/1999/1/Add.1, page 53.

TABLE 5 D SECTORAL BACKGROUND DATA TABLE FOR LAND-USE CHANGE AND FORESTRY
CO_2 emissions and removals from soil (Sheet 1 of 1)

GREENHOUSE GAS SOURCE AND SINK CATEGORIES	ACTIVITY DATA		AGGREGATE EMISSION FACTORS				ESTIMATES
	Land Area (year t) (Mha)	Land Area (year t-20) (Mha)	Soil carbon content (t) (Mg C/ha)	(1)	Soil carbon content (t-20) (Mg C/ha)	(1)	Net change in Soil Carbon in Mineral Soils (Tg C over 20 yr)
Cultivation of mineral soils	Net change in soil carbon in mineral soils						
High activity soils							
Low activity soils							
Sandy							
Volcanic							
Wetland (Aquic)							
Other (specify)							
Total (2)							
	Land Area (ha)		Annual Loss Rate (Mg C/ha/yr)				Carbon Emissions from Organic Soils (Mg/yr)
Cultivation of Organic Soils	Net carbon loss from organic soils						
Cool temperate							
Upland crops							
Pasture/Forest							
Warm temperate							
Upland crops							
Pasture/Forest							
Tropical							
Upland crops							
Pasture/Forest							
	Total Annual Amount of Lime (Mg)		Carbon Conversion Factor				Carbon Emissions from Liming (Mg C)
Liming of agricultural soils	Total carbon emissions form liming						
Limestone $Ca(CO_3)$							
Dolomite $CaMg(CO_3)_2$							
Total annual carbon emissions from agriculturally impacted soils (Gg)							
Total annual CO_2 emissions from agriculturally impacted soils (Gg)							

(1) Ratio of soils under native vegetation to agriculturally impacted soils.
(2) Make sure that the land areas in the activity data columns should be equal.

	Year	Climate (a)	land-use/ management system	Soil type					
				High activity	Low activity	Sandy	Volcanic	Wetland (Aquic)	Organic
				percent distribution (%)					
20 years prior		*(e.g. tropical, dry)*	*(e.g. savanna)*						
			(e.g. irrigated cropping)						
Inventory year									

(a) See table 5-9 (page 5.26) of the Revised 1996 IPCC Guidelines for National Greenhouse Gas Inventories, Volume 2 (Workbook).